

Abstract of the Disclosure:

A method for the packet-switched data transmission in a self-organizing local radio network which has at least one first and one second radio coverage area and at least one mobile communication device per radio coverage area. In the first radio coverage area, a first device, and in the second radio coverage area, a second device are operated for the central control of the assignment of transmission channels associated with the respective radio coverage area. A mobile communication device in the first and in the second radio coverage area is operated as an intermediate station for forwarding data originating from the first radio coverage area to the second radio coverage area. The data are forwarded in such a manner that the first central control device controls the transmission channels available for the first radio coverage area both for data transmission between the first central control device and the intermediate station and for data transmission between the intermediate station and the second central control device. An intermediate station and a central control device are configured for carrying out the inventive method.